

AMENDMENTS TO THE CLAIMS

Claims 1-4 (cancelled)

5. (Currently amended) A nickel-free grey alloy to be used in lost-wax casting techniques comprising, expressed by weight Au, between 75 % and 76 %, Pd around 13 % ~~between 12.5 % and 13.5 %~~, Cu up to a maximum of 10 %, In between 1 % and 2 %, and Ga between 0.1 and 0.5 %, the balance being formed by at least one of the elements Ir, Re, Zn, Nb, Si, Ta and Ti between 0.002 and 0.02 %.

6. (Currently amended) The alloy according to claim 5 wherein said alloy comprises, expressed by weight, Pd 13 %, Cu 10 %, In 1.5 %, Ga 0.35 %, the balance being formed by Ir, Re, Ti ~~in a proportion of 0.018 %~~.

7. (New) The alloy according to claim 6 wherein said alloy comprises, expressed by weight, Pd 13 %, Cu 10 %, In 1.5 %, Ga 0.35 %, Ir 0.006 %, Re 0.002 % and Ti 0.01 %.